

VALUE GENERATION
UNIQUE VALUE
MEMORY UNIT

MESSAGE
INPUT UNIT

PRIVATE KEY
PROCESSING UNIT

FIG.3

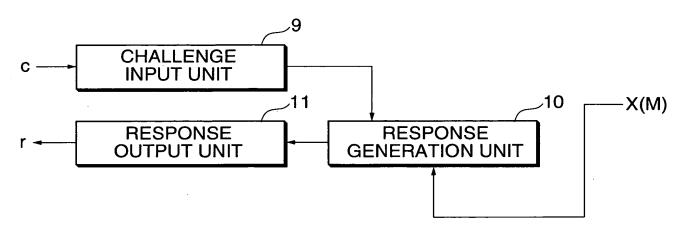
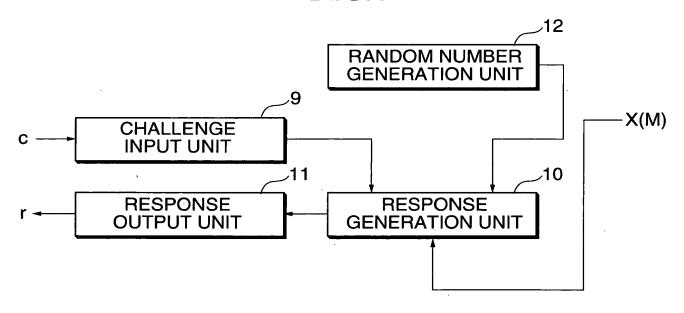


FIG.4



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FIG.5

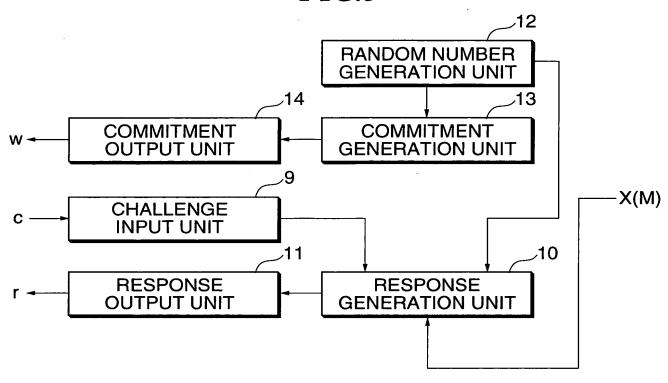
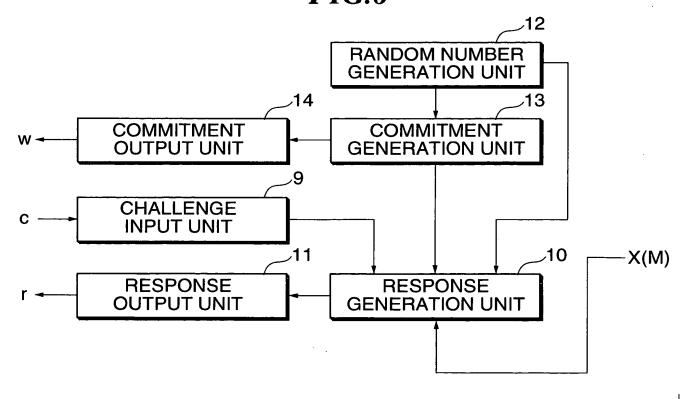


FIG.6



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FIG.7

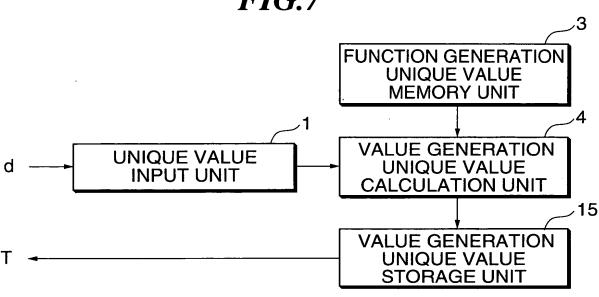
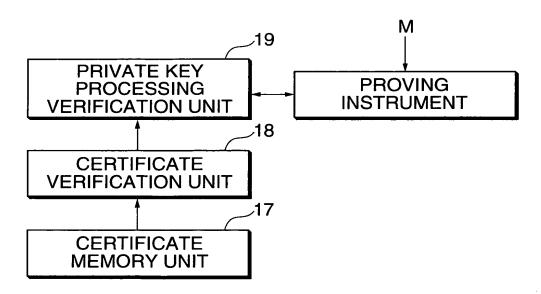


FIG.8



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FIG.9

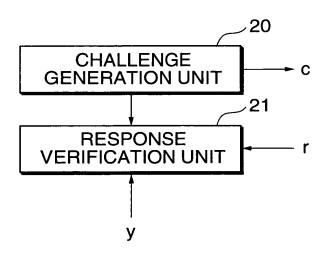
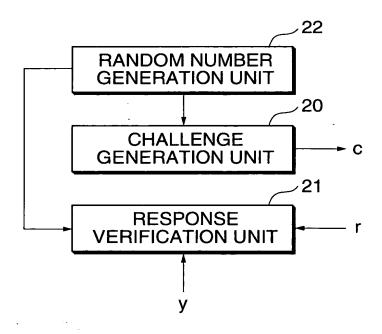


FIG.10



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FIG.11

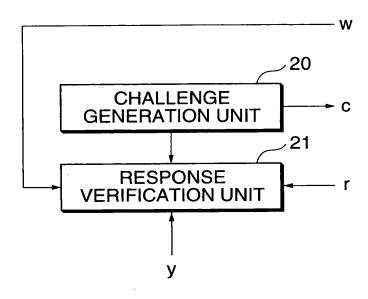
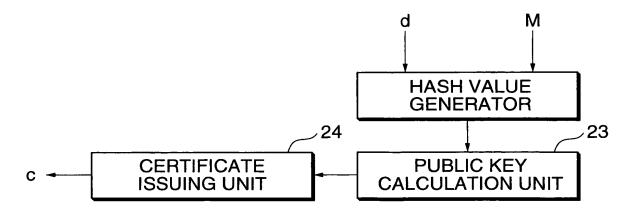


FIG.12





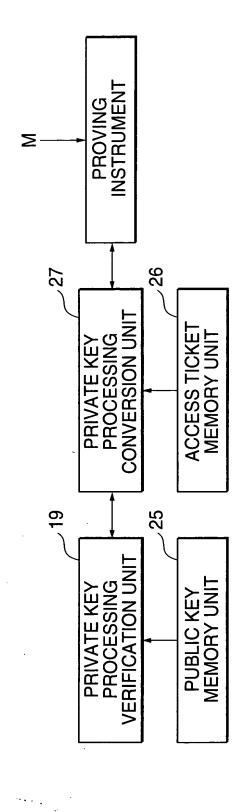


FIG.14

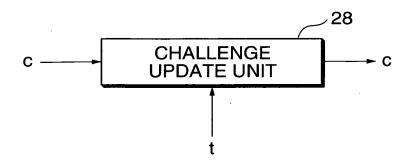
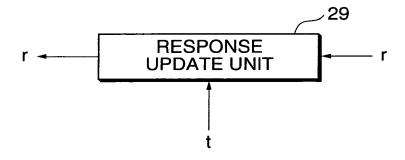


FIG.15



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FIG.16

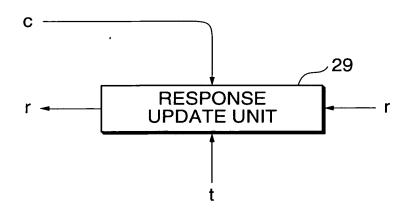


FIG.17

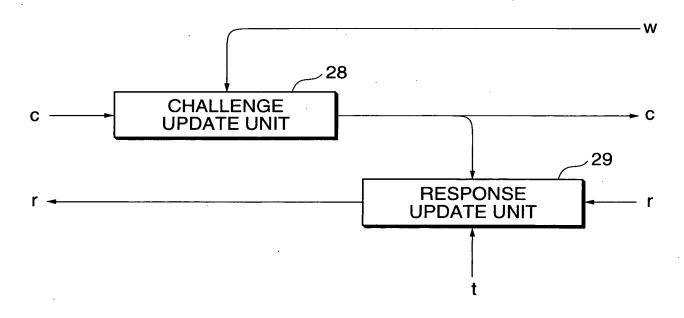


FIG.18

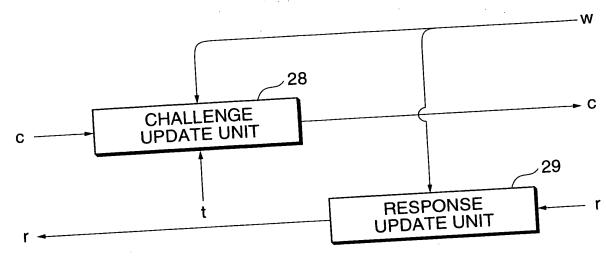
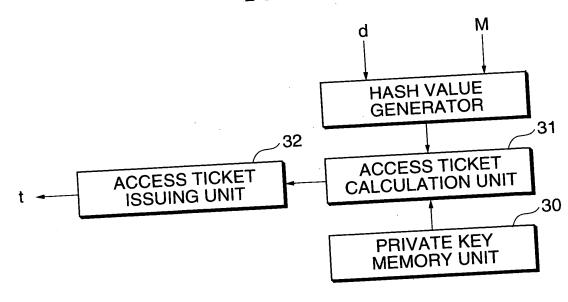


FIG.19



that that that that the first time is a set that that that that that that the